

## ABSTRACT OF THE DISCLOSURE

[0025] A dilation catheter structure of the rapid exchange is provided with an inflatable balloon and with a lumen for a guide thread. The catheter comprises a distal tube (12) and a guide tube (13). The guide tube (13) extends into the distal tube (12), and the proximal ends (13', 12') of the guide tube (13) and the distal tube (12) are joined to one another and at the 5 distal end (11') of the main tube (11). The proximal end (13') of the guide tube (13) has an opening on one side of the main tube (11) and the proximal end (12') of the distal tube (12) reaches the distal end of the main tube and the proximal end of the guide tube tightly and simultaneously.